SPECIFICATIONS

ColorEdge® CG241W

61 cm (24.1 inch) class Calibration Color LCD Monitor

Viewable Image Size 61.1 cm (24.0 inches)

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EIZO NANAO CORPORATION

1 ABOUT THE SPECIFICATIONS

The specifications apply only to the following monitor for use in North American, European and Asian countries.

EIZO ColorEdge CG241W

Country	Product number
Europe	CG241WEDBK
Switzerland	CG241WESBK
U.K.	CG241WUKBK
China	CG241WCNBK
Taiwan	CG241WTRBK
U.S.A Canada	CG241WUSBK

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2 PRECAUTIONS

2.1 Applications

This product is intended to be used with data processing devices for the personal computer or OA devices.
This product is not developed for applications which would require higher reliability, and safety such as those listed below.

- Transportation systems (Ship, aircraft, train, automobile, etc.)
- Safety devices (Disaster prevention system, security control system, etc.)
- Aviation & Spacecraft devices
- Equipment for the use that have direct effect on human life (Life support system, Medical equipment or devices used in the operating room, etc.)
- Nuclear energy control devices (Nuclear energy control system, security control system of nuclear facility, etc.)
- Main line devices (Operation control for the transportation, control systems specific to the aircraft, etc.)

Please contact Eizo Nanao Corporation for consultation, if you plan to use a product in the manners listed above or for any other deviation of use from the standard application.

2.2 Usage

- The product is designed for in-door use only. Please read the User's manual included into the product package carefully before use.
- This product has been adjusted specifically for use in the region to which it was originally shipped. If operated outside the region, to which it was originally shipped, the product may not perform as stated in the specifications.
- The product specifications are also guaranteed with the EIZO standard power cord and signal cable provided with the product and/or EIZO optional cables.
- Please find listed below phenomena caused by the characteristics inherent to the LCD itself that are not defects of the product.

(1) **Defective pixels, bright point**
The screen may have some defective pixels as slightly light or dark areas on the screen.

(2) **After image, retained image**
When the screen image has been changed after displaying the same image for a period, after images (retained image) may appear.

(3) **Backlight life**
The backlight of the LCD monitor has a fixed life span. When the screen becomes dark or begins to flicker, the backlight needs to exchange.

(4) **Characteristics for the LCD panel**
Take care when handling the LCD panel. Do not scratch or press on the panel with any sharp objects, such as pencil or pen. Cleaning the panel with a dirty or rough cloth also may damage the panel. Do not press on the panel or edge of the frame strongly as this will result in damage to the screen.

(5) **Warm-up period**
It takes approx. 30 minutes until the monitor and component stabilizes. Allow the monitor to warm up for at least 30 minutes before making adjustment.

- When transferring the monitor from a cold environment to a warm environment, dew condensation might occur. When this occurs, please wait until the dew condensation disappears from the monitor before turning on the power. Turnings the power on too soon with dew condensing will damage the monitor.
- Periodic cleaning of the screen is recommended to maintain image clarity.

2.3 Exclusion of liability

EIZO and EIZO authorized distributors shall have no obligation under this warranty whatsoever in respect of any of such defects, or in any of such cases, as set forth below:

(1) Any defect of the product caused by freight damage, modification, alteration, abuse, misuse, accident, incorrect installation, disaster, faulty maintenance and/or improper repair by third party other than EIZO and EIZO authorized distributors.
(2) Any incompatibility of the product due to possible technical innovations and/or regulations.
(3) Any deterioration of display performance due to expendable parts such as LCD panel and/or backlight, etc… (e.g. changes in color, brightness uniformity, color uniformity, defective pixels and/or burnt pixels, etc.)
(4) Any defect of the product caused by external equipment.
(5) Any defect of the product on which the original serial number has been altered or removed.
(6) Any normal deterioration of the product, particularly that of consumables, accessories, and/or attachments (e.g. buttons, rotating parts, cables, user's manual, etc…).
(7) Any deformation, discoloration, and/or warp of the exterior of the product including that of the surface of the LCD panel.

2.4 Limited Warranty

- The product is warranted by "LIMITED WARRANTY" included with the product.

Product Number	Monitor	LCD Panel	Back light
CG241WEDBK	5 years[*1]	3 years[*2]	3 years[*3]
CG241WESBK	5 years[*1]	3 years[*2]	3 years[*3]
CG241WUKBK	5 years[*1]	3 years[*2]	3 years[*3]
CG241WCNBK	5 years[*1]	3 years[*2]	3 years[*3]
CG241WTRBK	5 years[*1]	3 years[*2]	3 years[*3]
CG241WUSBK	5 years[*1]	3 years[*2]	3 years[*3]

[*1] The product shall be free from defects in material and workmanship for a period of five (5) years, but subject to the usage time being 30,000 hours or less from the date of purchase.
[*2]The warranty period for the LCD panel is limited to three (3) years from the date of purchase.
[*3]The warranty period for the backlight is warranted only if the monitor is used within the recommended brightness of up to and including 120cd/m2 with a color temperature of between 5000K to 6500K and limited to three (3) years from the time of purchase subject to the usage time being less than or equal to 10,000 hours.

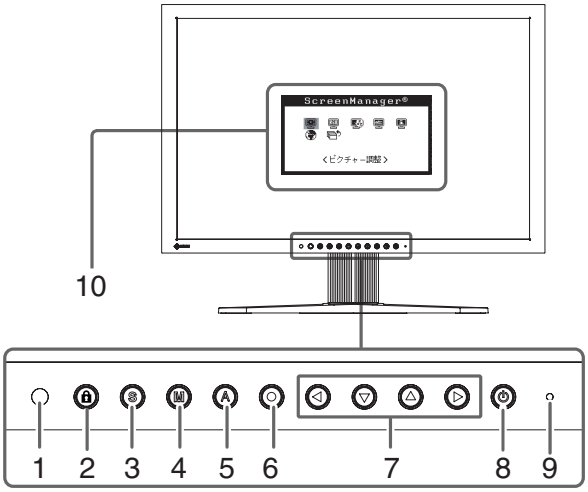
- Panel qualification (Bright dots, Black dots) is guaranteed 6-month after production.

- EIZO NANAO COPORATION will stock parts of this monitor at least seven years after the stop of production. In repairing the monitor, we will use renewal parts which comply with our QC standards for preserving the environment.

3 USER CONTROL SPECIFICATIONS

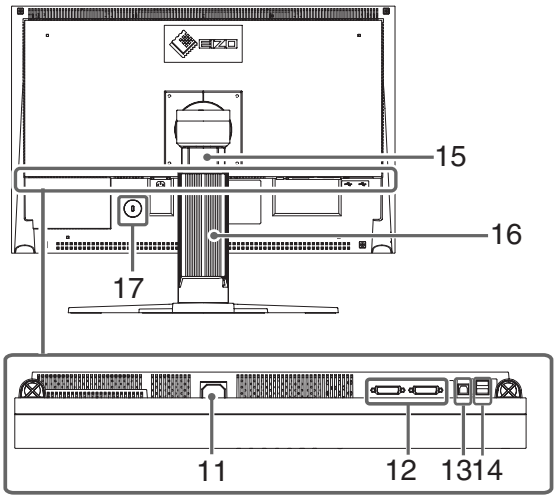
3.1 Function & Control

A1: Front



(1) Ambient light sensor
(2) Lock button
(3) Input signal selection button
(4) Mode button
(5) Auto adjustment button
(6) Enter button
(7) Control buttons (Up, Down, Left, Right key)
(8) Power button
(9) Power indicator (LED)
(10)ScreenManager (OSD menu)

A2: Rear / side



(11)Power connector
(12)DVI-I 29 pin input connector x2
(13)USB Upstream (Series B) port x1
(14)USB Downstream (Series A) port x 2
(15)Stand (Height adjustable)
(16)Cable holder
(17)Slot for security lock

3.2 Status of Power Indicator (LED)

Monitor	LED
Primary power Off	No light
Secondary power Off	No light
On	Blue *Blue blinking before secondary power off for 15 minutes by off timer *It is possible to turn it off by power indicator setting.
Signal check	Blue
Power saving mode	Orange
CAL Alert	Blue Quickly blinking every 5 seconds

3.3 ScreenManager (OSD) menu

Pushing the Enter button, ScreenManager menu appears. The followings are adjustment items adjusted by using the control buttons. Performing the reset function, all settings return to below. (both analog input and digital input)

Main Menu	Adjustment/Setting(Sub menu)		Analog Input	Digital Input	Default settings
Screen	Clock		√	-	-
	Phase		√	-	-
	Position		√	-	-
	Resolution		√	-	-
	Range Adjustment		√	-	-
	Smoothing		√	√	3
	Signal Filter		√	-	*1
Color	Brightness		√	√	37%
	Temperature		√	√	6500K
	Gamma		√	√	2.2
	Saturation		√	√	0
	Hue		√	√	0
	Gain		√	√	-
	6 Color		√	√	0
	Reset		√	√	-
PowerManager	Set	DVI DMPM	-	√	DVI DMPM
		VESA DPMS	√	-	VESA DPMS
Others	Screen Size		√	√	Full Screen
	Border Intensity		√	√	0 (Black)
	Input Signal Priority		√	√	Signal1
	Off Timer (on/off)		√	√	Disable
	Beep		√	√	On
	Menu settings	Menu Size	√	√	Normal
		Menu Position	√	√	Center
		Menu Off Timer	√	√	45 sec.
		Translucent	√	√	Opaque
		Orientation	√	√	Landscape
	BrightRegulator		√	√	Disable
	Power Indicator		√	√	Enable
	Reset		√	√	-
Information	Page 1: input signal, current displayed frequency and resolution, Page 2: PowerManager setting, Off timer Page 3: Model Name, Serial Number and Usage Time		√ (3 pages)	√ (3 pages)	-
Language	English, German, French, Spanish, Italian, Swedish, Japanese, Simplified Chinese, Traditional Chinese		√	√	English
FineContrast			√	√	Custom
EIZO Logo			√	√	On
Adjustment lock			√	√	Disable
Signal Selection			√	√	Normal

*1 Default Setting of the signal filter

Dot clock	Default settings
~34MHz	3
34~49MHz	2
49MHz~	1

3.4 Others

- **FineContrast selection**

  Following modes can be selected only by pushing Control button (Left/Right). At this time, small information window appears on the bottom-left corner.

  FineContrast default settings

Mode	Brightness	Temperature	Gamma	Saturation	Hue
Custom	37%	6500K	2.2	0	0
sRGB	100%	6500K (Fixed)	2.2(Fixed)	-	-
Calibration	CAL (USB application control)				
Emulation	EMU (USB application control)				

- **Auto Adjustment, Range Adjustment (Only analog input)**

  Pushing the Auto adjustment button automatically centers the displayed image, adjusting the clock, phase level and resolution. Pushing the Auto Adjustment button while displaying the Range Adjustment menu automatically optimizes the tone of analog input signal.

- **Adjustment Lock function**

  To Lock the buttons, switch the power on while pressing the Auto adjustment button. Then, the Auto Adjustment button and the settings on the ScreenManager are locked. Control buttons (Left, Right key) by FineContrast, brightness control buttons (Up, Down key), the Input signal selection button and the Power button remain enabled. FineContrast shortcut menu is always effective.

  To unlock the buttons, switch the power on again while pressing the Auto adjustment button.

- **Signal Selection function**

  Switch on the monitor's power by the [Power] button with pressing [Signal 1-2] button on the front panel, Signal Selection menu appears.

	Vertical frequency range	Horizontal frequency range
Normal mode	59 ~ 61Hz	31kHz ~ 76kHz
Wide mode	47.5 ~ 63 Hz	26kHz ~ 78kHz

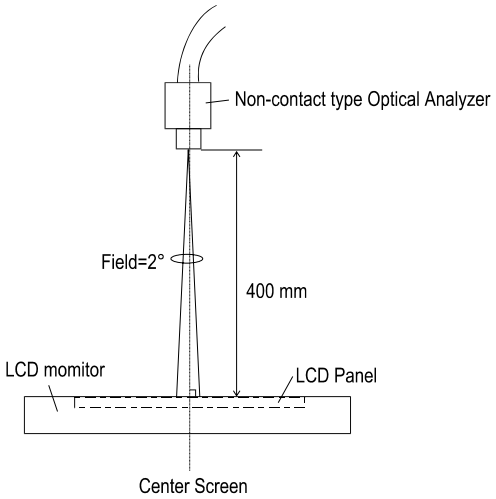
4 LCD SPECIFICATIONS

4.1 Panel specifications

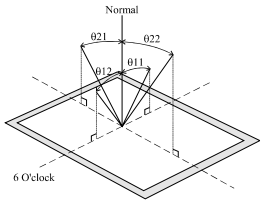
Type	Color TFT (VA type)
Size	24.1 inch (61.1 cm)
Resolution	1920x 1200
Viewable Image Size	518.4 mm (H) x 324.0 mm (V) (Diagonal: 611 mm)
Dot Pitch	0.270 mm x 0.270 mm
Face Treatment	Haze44% Hard-coating (Hardness 3H*) * Protection from scratching with the 3H pencil

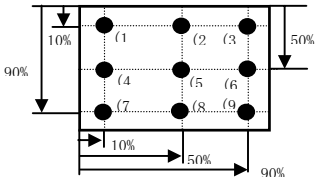
4.2 Optical specifications

(1) Guideline



Measured under the condition of the right diagram in the dark room or the same level condition.

Item		Value	Conditions
Viewing Angle 		θ11 (Top): 89° typ. θ12 (Bottom): 89° typ. θ21 (Left): 89° typ. θ22 (Right): 89° typ.	At Contrast Ratio; CR≥10:1 with white field and black field pattern.
Contrast Ratio		850:1 typ.	θ=0° (Contrast ratio with the center brightness of black field and white field pattern.)
Response time	Black to White	11ms typ.	10% ⇔ 90%
	White to Black	5ms typ.	
	Gray to Gray	6ms typ.	Average response time between each grayscale level of 31, 63, 95, 127, 159, 191 and 223 10% ⇔ 90%
Chromaticity	White	x:0.31, y:0.33 typ.	White field. Measured at

Item		Value	Conditions
			center of the panel. Digital input. Color Temperature: OFF
	Red	x:0.659, y:0.327 typ.	Color temperature: OFF
	Green	x:0.217, y:0.681 typ.	
	Blue	x:0.147, y:0.073 typ.	
Bright Uniformity		Lmin / Lmax x 100 ≥ 80	Measured at below points in 255 and 128 level. (Uniformity correction: ON, gamma=2.2, brightness: 37%, θ=0°) 
Chromaticity Uniformity		(Δx, Δy) ≤ ±0.005	Color temperature: 6500K,Video level = 128, γ = 2.2, brightness: 37% Measurement point is the same as the above mentioned. (Δx, Δy) = (x, y) – (x,y) center
Field Uniformity		ΔE≤3	6500K, video level = 128, γ = 2.2, brightness: 37% Measurement point is the same as the above mentioned. Based on center.
Brightness		300 cd/ m² typ.	Measured at center of the panel with white field pattern at 25°C. (Default setting)
γ value		2.2±0.1 (whole characteristic) ±5% of whole characteristics. (Each point variation) The light leakage is excluded.	Calibration mode γ = 2.2

4.3 LCD Panel Qualification

*** Panel qualification (Bright dots, Black dots) is guaranteed 6-month after production.**

4.3.1 Definition

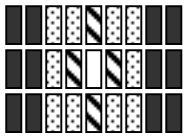
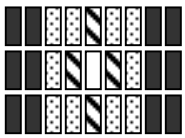
- A dot observed through a ND filter or on the prescribed gray background is a bright dot.
- A blinking dot is also counted as a bright dot.
- A black dot observed by human eyes is counted as a black dot no matter how bright or big it is.
- A set of coupled defective dots is counted as 1 defective dot.
  e.g.) A set of 2 coupled dot ··· counted as a 1 defective dot
- A set of 3-coupled dot ··· counted as a 1 defective dot
- A Single and/or coupled defective dot(s) is/are counted separately and applied each standard value.
  e.g.) a single defective dot, a 2-coupled dot ··· total 2 dots
- A single and/or coupled defective dot(s) within the allowable distance/ area is/are counted separately and applied each standard value.
  e.g.) a single defective dot + a 2-coupled dot = 2 dots
- A shining dot due to a foreign substance (transparent substance like acrylic chip) on polarizer is not counted as a bright/black dot. Inspect this shinning dot referring the standard of foreign substance.

4.3.2 Condition

Item	Condition
Ambient light	About 500~700Lx
Ambient temperature	0~35°C
Observation distance from the panel surface	About 300~500mm (Straight angle)
Measurement pattern	White screen, Black screen (Prioritize conditions of panel qualification)
Area Definition	Whole area

4.3.3 Panel Qualification

*** Panel qualification (Bright dots, Black dots) is guaranteed 6-months after production.**

Item	Value	Conditions	Notes
Bright dot: 1 defective dot (Green) 2 coupled 3 coupled or over Total Allowable distance/ area	 2 or less - 1 or less 0 or less 2 or less Distance: 15 mm or less Area: ϕ -	Signal: black field pattern condition : Dots visible on background of more than 96 levels of gray.	Couplled dots are defined as anyone of slashed or dotted dot and the center dot in the picture below. 
Black dot 1 defective dot 2 coupled 3 coupled Total Allowable distance/ area	 5 or less 2 or less- 0 or less 5 or less Distance: 5 mm or less Area:ϕ -	Signal: white, red, green and blue field pattern	Couplled dots are defined as anyone of slashed or dotted dot and the center dot in the picture below. 
Bright + black dots: Total Allowable distance/ area	 5 or less Distance – Area -	-	The distance between bright dot and black dot is excluded. It judges by the distance only of bright (Black) dot on one screen.

4.3.4 Measurement Standard of the outline

Items		Values			Notes
Scratch	Line	W ≤ 0.01mm W ≤ 0.1mm 0.01mm<W≤0.1mm W = - 0.1mm < W	L ≤ 5.0mm L ≤ 0.3mm 0.3mm<L≤5.0mm 5.0mm < L L = -	- - 3 0 0	W: width (mm.) L: length (mm.)
	Circle	D ≤ 0.5mm 0.5mm < D		3 0	D: diameter (mm.)
Foreign substance	Line	W ≤ 0.01mm W ≤ 0.08mm 0.01mm<W≤0.08mm W = - 0.08mm < W	L ≤ 1.0mm L ≤ 0.3mm 0.3mm<L≤1.0mm 1.0mm < L L = -	- - 3 0 0	W: width (mm.) L: length (mm.)
	Circle	D ≤ 0.3mm 0.3mm < D ≤ 0.5mm 0.5mm < D		- 4 0	D: diameter (mm.)
Total				10	

5 ELECTRICAL SPECIFICATIONS

All measurements are subject to the conditions listed in 6.1, unless otherwise specified by the item in section 6.2 to 6.5.

5.1 Standard measurement conditions

Items	Condition	
	Analog input	Digital input
Pattern of the signal	Black and White two dotted mesh pattern	
Video signal level	0.7 Vp-p 75 Ω terminal	TMDS Single Link
Brightness	100 % (Custom)	
Gamma value	2.2	
Ambient temperature & humidity	15 ~ 35°C	
Input voltage	AC100-120V±10% 50/60Hz AC200-240V±10% 50/60Hz	
Measurement	After warm up for at least 30 minutes	
Mode	VESA 1920 Dots x 1200 lines @60 Hz	

5.2 Displaying Performance

Items	Values		Conditions
	Analog input	Digital input	
Scanning Frequency			
Horizontal	24kHz ~ 94kHz	26kHz ~ 78kHz	
Vertical	47.5Hz ~ 86Hz 1600 x1200 Mode: ~76Hz 1920 x 1200 Mode: ~61Hz	47.5 ~ 63Hz (VGA TEXT: 69 Hz ~ 71 Hz)	Non Interlaced
Synchronizing range	47.5Hz ~ 63.0Hz		Full screen or Enlarged
Display Area Size	518.4 x 324.0mm		
Display Colors	16.7 million colors		

5.3 Signal Input

Items	Values		Conditions
	Analog input	Digital input	
Retrace Time			
Min sync pulse width	Horizontal: 0.5μS Vertical: 1 H	Horizontal: 0.5μS Vertical: 1 H	The image is not lacked. The image is adjustable to the center
Min sync pulse + Back Porch	Horizontal: 1.2 μS Vertical: 12 H	Vertical: 12 H	
Signal input			
Sync Input Signal Form	(a) H/V Separate, TTL, Positive / Negative (b) H/V Composite, TTL, Positive/ Negative	-	Non Interlaced
Video Input Signal Form	Analog, Positive (0.7 Vp-p / 75 Ω)	-	Separate sync
Input Signal	-	TMDS (Single Link)	
Dot Clock	202.5MHz Max.	164.5MHz Max.	

5.4 Power Supply

Items	Values		Condition
	Analog input	Digital input	
Input voltage	100-120 VAC±10 % 50/60 Hz 200-240 VAC±10 % 50/60 Hz		
Input current	110W or less Less than 1.1A at 100-120 VAC Less than 0.55A at 200-240 VAC		USB load
	100W or less Less than 1.0A at 100-120 VAC Less than 0.5A at 200-240 VAC		No USB load
In-rush current	70 A peak max. (Cold) 100 A peak max. (Hot)		AC246V Input
Leakage current	Less than 0.25mA at 100VAC Less than 0.7mA at 240VAC		
Power Consumption			
Power saving mode	2W or less		AC100/115/230V, USB upstream port in non-operation. Single input signal
Standby power consumption	1W or less		AC100/115/240V, USB upstream port in non-operation. When secondly power is off. No USB.
Power save function	VESA DPMS	DVI-DMPM	

6 MECHANICAL SPECIFICATIONS

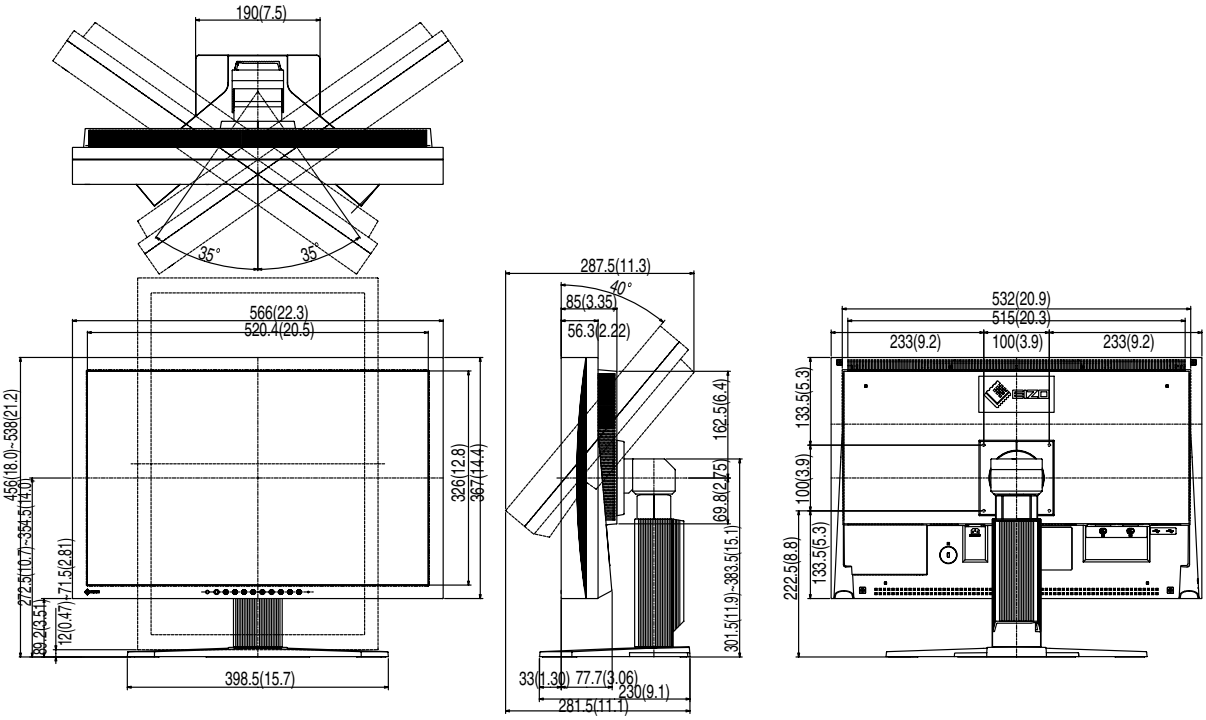
6.1 Configuration

NOTE: All of the dimensions, weights and angles below are reference values.

- **With Stand (without hood)**

Dimensions (net)	566mm (W) x 456~538mm (H) x 230mm (D) 22.3” (W) x 18.0” - 21.2” (H) x 9.1” (D)
Weight (net)	approx. 11.0kg (24.3 lbs)
Tilt Angle	Up: 40° Down: 0°
Rotation Angle	Right: 35° Left: 35°
Outline Drawing	Refer to the below.

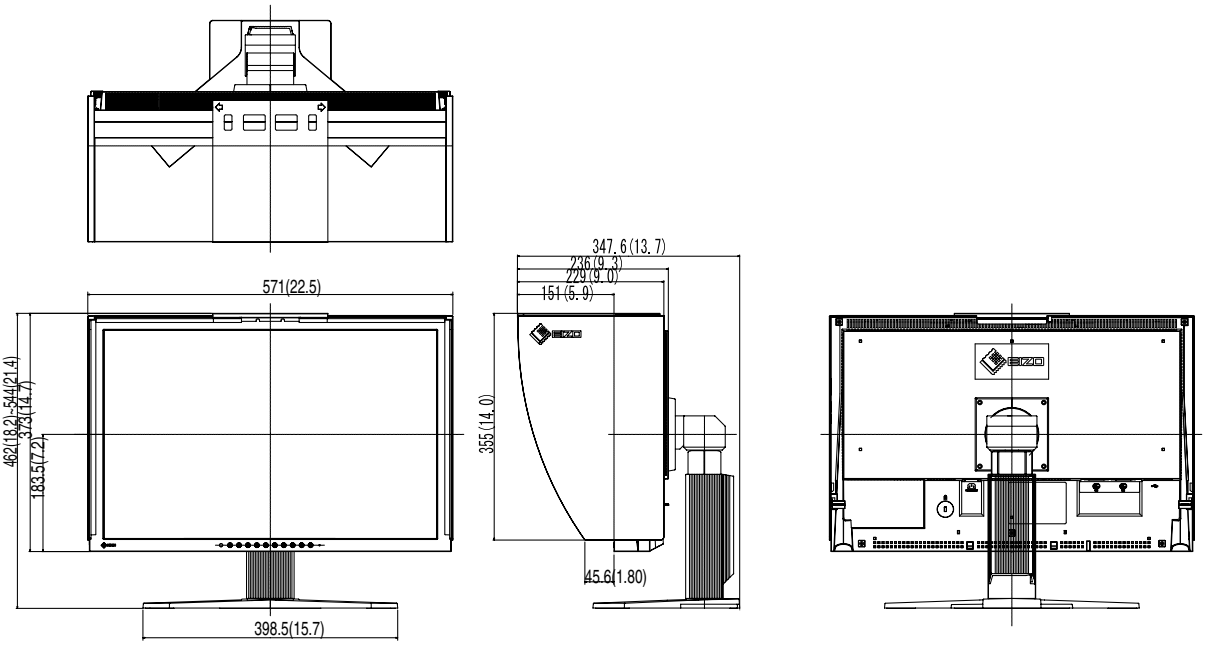
Unit: mm (inches)



- **With Stand (with hood)**

Dimensions (net)	571mm (W) x 462~544mm (H) x 347.6mm (D) 22.5” (W) x 18.2” - 21.4” (H) x 13.7” (D)
Weight (net)	approx. 11.8kg (26.0lbs)
Tilt Angle	Up: 40° Down: 0°
Rotation Angle	Right: 35° Left: 35°
Outline Drawing	Refer to the below.

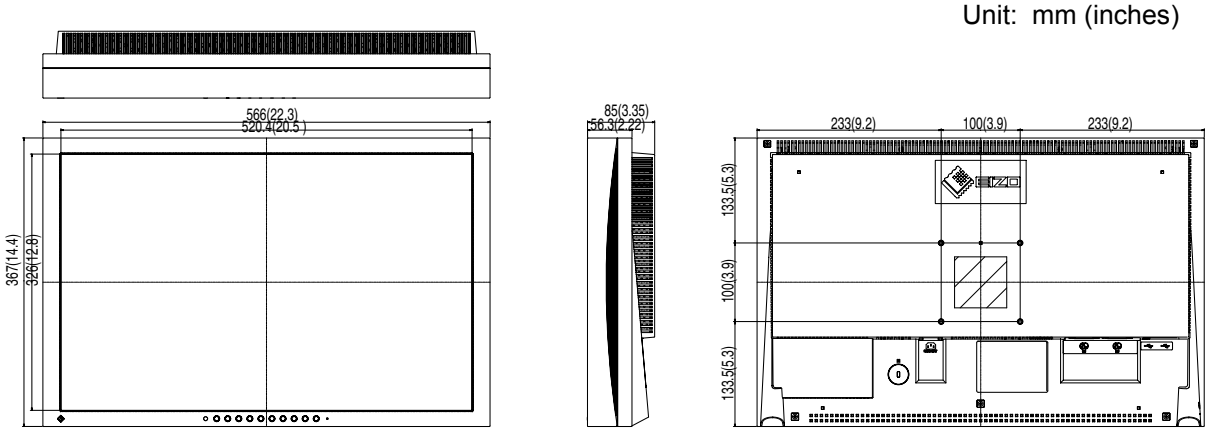
Unit: mm (inches)



- **Without Stand**

Dimensions (net)	566 mm (W) x 367 mm (H) x85 mm (D) 22.3” (W) x 14.4” (H) x 3.35” (D)
Weight (net)	Approx. 7.4 kg (16.3 lbs)
Hole spacing	Compatible with VESA standard 100 mm x 100 mm (Compatible with VESA MIS-D)
Screw mounting hole size	4-M4
Outline Drawing	Refer to the below.

Unit: mm (inches)



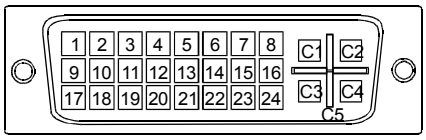
6.2 Packing Specifications

NOTE: All of the dimensions and weight below are reference values.

Packing Dimensions	668 mm (W) x 621 mm (H) x 301 mm (D) 26.3” (W) x 24.4” (H) x 11.9” (D)
Packaging weight	approx. 15.2kg (33.5 lbs)
Stack limit	4 units (Maximum)

6.3 Connector Specifications

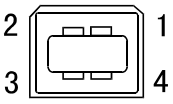
(1) DVI-I connector(HDCP support)



Pin No.	Input Signal	Pin No.	Input Signal	Pin No.	Input Signal
1	TMDS Data2-	11	TMDS Data1/3 ShielD	21	-
2	TMDS Data2+	12	-	22	TMDS Clock ShielD
3	TMDS Data2/4 shielD	13	-	23	TMDS Clock+
4	-	14	+5V Power	24	TMDS Clock-
5	-	15	Ground (return for +5V, H sync and V sync)	C1	Analog Red
6	DDC Clock (SCL)	16	Hot plug Detect	C2	Analog Green
7	DDC Data(SDA)	17	TMDS Data0-	C3	Analog Blue
8	Analog Vertical Sync	18	TMDS Data 0+	C4	Analog Horizontal Sync
9	TMDS Data1-	19	TMDS Data/5 ShielD	C5	Analog Ground (analog R,G & B return)
10	TMDS Data1+	20	-	-	-

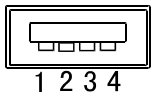
(2) USB Ports

Upstream



Series B Connector

Downstream



Series A Connector

No.	Signal	Note
1	VCC	Cable power
2	- Data	Serial Data
3	+ Data	Serial Data
4	Ground	Cable Ground

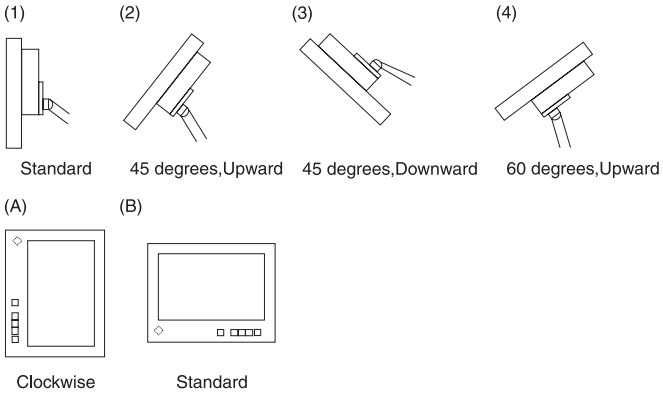
6.4 Materials

Cabinet	PC + ABS
Stand	PS
Packing Case	Cardboard
Packing Cushion	Foam polystyrene

6.5 Free Mount installation conditions

It is possible to perform free mount installation in the following combination.

Monitor rotation direction	Inclination on the surface
(A)	(1), (2), (3) and the middle
(B)	(1), (3), (4) and the middle



7 ACCESSORIES

7.1 Accessories

Item		EDBK	USBK	UKBK	ESBK	TRBK	CNBK
Power Cord	2.0 m, VDE approved separate cord with 3 pin plug	√*					
	2.0 m, UL/CSA approved separate cord with 3 pin plug		√*				
	2.0 m, BS approved separate cord with 3 pin plug			√*			
	2.0 m, SEV approved separate cord with 3 pin plug				√*		
	2.0 m, BSMI approved separated cord with 3 pin plug					√*	
	2.0 m, CCC approved separate cord with 3 pin plug						√*
Signal Cable	FD-C39 (DVI-D~DVI-D, 2.0m)	√*	√*	√*	√*	√*	√*
	FD-C16 (DVI-I~D-sub mini 15pin-15pin, 2 m)	√*	√*	√*	√*	√*	√*
	MD-C93 (USB Cable)	√*	√*	√*	√*	√*	√*
Monitor Hood	-	√	√	√	√	√	√
ScreenCleaner	-	√	√	√	√	√	√
Setup Manual	English, German, French, Chinese	√	√	√	√	√	√
Quick Reference	English and Japanese	√	√	√	√	√	√
User's Manual	Taiwan (Supplied)					√	
Warranty Card	English, German, French, Spanish, Swedish, Italian, Greek, Russian, Chinese	√	√	√	√	√	√
CD-ROM (EIZO LCD Utility Disk)	Refer to section 7.2	√	√	√	√	√	√
Screw for the mount option installation	4 pcs of M4 x 12	√	√	√	√	√	√
Adjustment Certificate	English and Japanese	√	√	√	√	√	√
Notation sheet about China RoHS	Chinese	√	√	√	√	√	√

√* Color: Black
(Note) Precaution or notation sheets may be added or removed.

7.2 EIZO LCD Utility Disk

Item	Windows area	Macintosh area
Launcher software	√ (2000/XP)	√ (OS 9/OS X)
Monitor manual	√ (English, Japanese, German, French)	√ (English, Japanese, German, French)
ColorNavigator CE	√ (2000/XP/Vista)	√ (OS 9/OS X)
ColorNavigator CE manual	√ (English, Japanese)	√ (English, Japanese)
Screen adjustment software	√ (2000/XP/Vista)	√ (OS 9/OS X)
ICC / ColorSync Profile (2 kinds)	√ (2000/XP/Vista)	√
ICC / ColorSync Profile Manual	√ (English, Japanese, German, French)	√ (English, Japanese, German, French)
Readme	√ (English, Japanese, German, French)	√ (English, Japanese, German, French)
UniColor Pro	√ (2000/XP/Vista)	√ (OS X)
Color Universal Design Handbook	√ (English, Japanese)	√ (English, Japanese)

(Note) Supporting OS of the softwares is subject to change without notice due to software version-up.
(Note) Softwares and files are subject to be added/deleted without notice due to CD-ROM version-up.

8 CERTIFICATIONS & STANDARDS

8.1 Certifications

Standard	Origin	ED	ES	UK	US	TR	CN
TÜV/GS	EN60950-1	√					
CE	[2006/95/EC :Low Voltage Directive] EN60950-1 [89/336/EEC :EMC Directive] EN55022 (Class B) EN55024 EN61000-3-2 EN61000-3-3	√	√	√			
c-TÜV-us	UL60950-1 CAN/CSA-C22.2 No.60950-1				√		
FCC	FCC part.15 subpart B Class B				√		
ICES-003	ICES-003 Class B (Canada)				√		
TÜV/Ergonomie	ISO13406-2 prEN 50279	√	√	√	√	√	√
TCO'03	TCO'03 Flat Panel Displays Ecological requirement	√	√	√	√	√	√
Type Approval (-TR only)	CNS13438 (Class B) CNS14336					√	
CCC*	GB4943 GB9254 GB17625.1						√
C-tick (Australia, New Zeeland)	AS/NZS CISPR22 (Class B) AS/NZS 61000.3.2						
Energy Star	Energy Star Ver.4.0	√	√	√	√		
GOST-R (Russia)*	GOST R IEC60950 GOST R 50948 GOST R 51318.22 (Class B) GOST R 51318.24 GOST R 51317.3.2 GOST R 51317.3.3						
SWOP		√	√	√	√	√	√

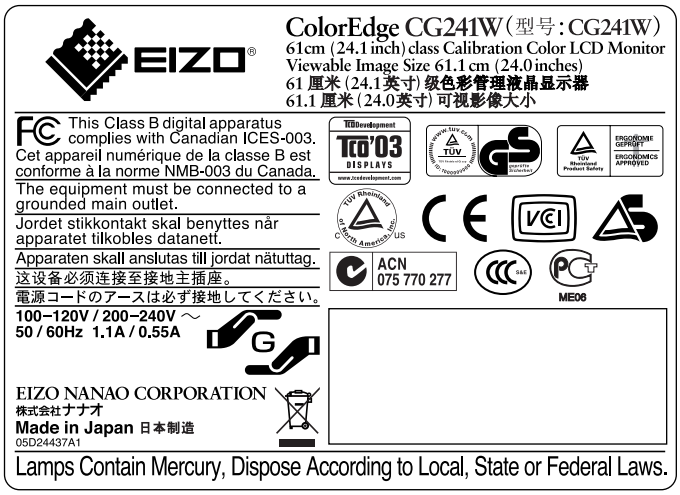
* License processing. Ask for details of status.
(Caution) In order to comply with the standards in the chart above, it is necessary to bundle the Power Cord and User's Manual specified by these standards.
(Caution) According to circumstances, certifications may be added, removed or changed.

8.2 Standards

Organization	Origin	ED	ES	UK	US	TR	CN
CB	IEC 60950-1	√	√	√	√	√	√
EC Directive	RoHS (2002/95/EC) WEEE (2002/96/EC)	√	√	√			
China RoHS	Management Methods for Controlling Pollution by Electronic Information Products						√
VESA	DPMS DDC2B	√	√	√	√	√	√
DDWG	Digital Visual Interface (DVI) Revision 1.0	√	√	√	√	√	√
USB Implementers Forum	Universal Serial Bus (USB) Specification Revision 2.0	√	√	√	√	√	√
CUDO	CUD	√	√	√	√	√	√
EIZO NANAO CORPORATION	EIZO Eco Products 2006	√	√	√	√	√	√

(Caution) In order to comply with the standards in the chart above, it is necessary to bundle the Power Cord and User's Manual specified by these standards.
(Caution) According to circumstances, certifications may be added, removed or changed.

8.3 Name Plate


EIZO
ColorEdge CG241W (型号 : CG241W)
61cm (24.1 inch) class Calibration Color LCD Monitor
Viewable Image Size 61.1 cm (24.0 inches)
61 厘米 (24.1英寸) 级色彩管理液晶显示器
61.1 厘米 (24.0英寸) 可视影像大小
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
The equipment must be connected to a grounded main outlet.
Jordet stikkontakt skal benyttes når apparatet tilkobles datanett.
Apparaten skall anslutas till jordat nätuttag.
这设备必须连接至接地主插座。
電源コードのアースは必ず接地してください。
100–120V / 200–240V ~
50 / 60Hz 1.1A / 0.55A
ACN 075 770 277
ME06
EIZO NANAO CORPORATION
株式会社ナナオ
Made in Japan 日本制造
05D24437A1
Lamps Contain Mercury, Dispose According to Local, State or Federal Laws.

(Caution) Additional standards or marking may be added to this label.
In accordance with this addition, the label code (05D***), in the lower left bottom corner will be changed.
(Caution) The label for additional standards or identified purposes may be put on near the name plate.

9 RELIABILITY & OPERATING ENVIRONMENT

9.1 Reliability

Item	Value	Conditions
MTBF (Meantime between failure)	30,000 hours at standard power input excluding backlights.	Values calculated according to the simplified “Parts Count Reliability Prediction” method as specified in MIL- HDBK-217F.
Backlight life	30,000 hours min.	25°C for only backlight temperature, at maximum brightness, More than 50% of maximum brightness at the default

9.2 Operating environment

Item		Value	Conditions
Ambient Temperature	Operation	0 °C~35 °C (32 °F~95 °F)	
	Storage	-20 °C~60 °C (-4 °F~-140 °F)	To be kept for 4 hours at 25 °C <77°F> before use.
Ambient Humidity	Operation	30 %~80 % R.H.	Non condensing
	Storage	30 %~80 % R.H.	
Pressure	Operation	700hPa~1060hPa	
	Shipping or Storage	200hPa~1060hPa	
Vibration (Standard Package)		To be free from any damage on the vibration test (left/right, up/down, forward/backward) to be carried out under the following conditions.	Frequency: 5~100~5 Hz in every 10 minutes Speed: 1.0G Time: 1 hour for each direction
Drop Test (Standard Package)		To be free from any damage on free drop from 65 cm height. To be validated one corner, three edges and six faces.	

10 REVISION TRACE

No.	Date	Alternation
A	29 May 2007	Established